

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
Geologist Report / Mud Logs	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
List All E. Logs Run:					

<div style="text-align: center;"> CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc. </div>							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No (If No, fill out Page Three of the ACO-1)

Date of first Production/Injection or Resumed Production/Injection:		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water	Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL:	
		Top	Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	SAUDER 18
Doc ID	1826983

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9.875	7	15	45	Econobond	20	See Ticket
Production	5.875	2.875	6.5	1109	Econobond	110	See Ticket

WoCo Drilling LLC

1135 30th Rd

Yates Center, Kansas 66783

Steve 620-330-6328

Nick 620-228-2320

Operator License # 34350	API # 15-031-24706
Operator: Altavista Energy Inc	Lease: Sauder
Address: P O Box 128 Wellsville, Ks. 66092-0128	Well # 18
Phone: 785-883-4057	Spud Date: 10/29/2024 Completed: 11/01/2024
Contractor License: 33900	Location: Sec: 14 TWP: 22s R: 16e
T.D. 1119'	Bite Size: 5.875 2310 FSL
Surface Pipe Size: 7"	Surface Depth: 43' 4620 FEL
Kind of Well: Oil	County: Coffey

Drilling Log

Strata	From	To	Strata	From	To
Soil	0	6	Shale	903	912
Clay	6	27	Lime	912	915
Sandstone	27	39	Shale	915	927
Shale	39	225	Lime	927	932
Lime	225	274	Shale	932	940
Shale	274	365	Lime	940	946
Lime	365	382	Shale	946	973
Shale	382	387	Lime	973	978
Lime	387	393	Shale	978	1013
Shale	393	417	Lime	1013	1014
Lime	417	431	Brkn Oil Sand	1014	1015
Shale	431	435	Oil Sand	1015	1019
Lime	435	441	Brk Oil Sand	1019	1023
Shale	441	444	Badly Brkn Oil Sand	1023	1026
Lime	444	478	Sandy Shale	1026	1033
Shale	478	488	Shale	1033	1119
Lime	488	492			
Shale	492	533	TD 1119		
Lime	533	587			
Shale	587	594	Ran 2-7/8" Pipe		
Lime	594	657	To 1109"		
Shale	657	805			
Lime	805	811	Hurricane Cemented		
Shale	811	825	Surface 43' of 7"		
Lime	825	839			
Shale	839	864			
Lime	864	871			
Shale	871	890			
Lime	890	903			

**CEMENT TREATMENT REP**

Customer:	Altavista Energy	Well:	Sauder #19,#18	Ticket:	EP15372
City, State:		County:	CF, KS	Date:	10/29/2024
Field Rep:	Bryan Miller	S-T-R:	14-22-16	Service:	LS

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	5 5/8 in	Blend:	Thixo 1#PS	Blend:	
Hole Depth:	1120 ft	Weight:	13.7 ppg	Weight:	ppg
Casing Size:	2 7/8 in	Water / Sx:	8.9 gal / sx	Water / Sx:	gal / sx
Casing Depth:	1113 ft	Yield:	1.83 ft ³ / sx	Yield:	ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:	Baffle	Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	1084 ft	Excess:		Excess:	
Displacement:	6.2 bbls	Total Slurry:	bbls	Total Slurry:	0.0 bbls
		Total Sacks:	sx	Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
10:30 AM			-	-	On location Held safety meeing
				-	
				-	
				-	#19
	4.0			-	Established circulation with fresh water
	4.0			-	Mixed and pumped 200# of bentonite gel followed by 4 BBL of fresh water
	4.0	250.0		-	Mixed and pumped 105 sks of Thixo cement with 1# PS, Cement to surface
	4.0			-	Flushed pump and line clean
	4.0	250.0		-	Displaced 2 7/8" rubber plug with 6.2 BBL of fresh water
	1.0	800.0		-	Pressured up well to 800PSI and shut in, well held pressure
				-	Released pressure to set float valve
	4.0				Washed up equipment and moved
					#18 Rig set 45' of surface pipe
					Hooked to surface and established rate
					Mixed and pumped 20sks of thixo cement with 1#PS,
					Displaced cement with 1.5 BBL of water, shut in casing
					Washed up equipment
12:30 PM					Left location

CREW		UNIT	SUMMARY		
Cementer:	Garrett S.	957	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Nick B	209	3.6 bpm	433 psi	- bbls
Bulk #1:	Drew B	248			
Bulk #2:	Ethan	111			

**CEMENT TREATMENT REP**

Customer:	Altavista Energy	Well:	Sauder #18,#21	Ticket:	EP15415
City, State:		County:	CF, KS	Date:	11/1/2024
Field Rep:	Bryan Miller	S-T-R:	14-22-16	Service:	LS

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	5 5/8 in	Blend:	Thixo 1#PS	Blend:	
Hole Depth:	1128 ft	Weight:	13.7 ppg	Weight:	ppg
Casing Size:	2 7/8 in	Water / Sx:	8.9 gal / sx	Water / Sx:	gal / sx
Casing Depth:	1108 ft	Yield:	1.83 ft ³ / sx	Yield:	ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:	Baffle	Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	1080 ft	Excess:		Excess:	
Displacement:	6.2 bbls	Total Slurry:	bbls	Total Slurry:	0.0 bbls
		Total Sacks:	sx	Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
2:00 PM			-	-	On location Held safety meeing
				-	
				-	
				-	#18
	4.0			-	Established circulation with fresh water
	4.0			-	Mixed and pumped 200# of bentonite gel followed by 4 BBL of fresh water
	4.0	250.0		-	Mixed and pumped 110 sks of Thixo cement with 1# PS, Cement to surface
	4.0			-	Flushed pump and line clean
	4.0	250.0		-	Displaced 2 7/8" rubber plug with 6.2 BBL of fresh water
	1.0	800.0		-	Pressured up well to 800PSI and shut in, well held pressure
				-	Released pressure to set float valve
	4.0				Washed up equipment and moved
					#21 Rig set 45' of surface pipe
					Hooked to surface and established rate
					Mixed and pumped 25sks of thixo cement with 1#PS,
					Displaced cement with 1.5 BBL of water, shut in casing
					Washed up equipment
5:00 PM					Left location

CREW		UNIT	SUMMARY		
Cementer:	Garrett S.	957	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Nick B	209	3.6 bpm	433 psi	- bbls
Bulk #1:	Sam G	248			
Bulk #2:	doug G	303			